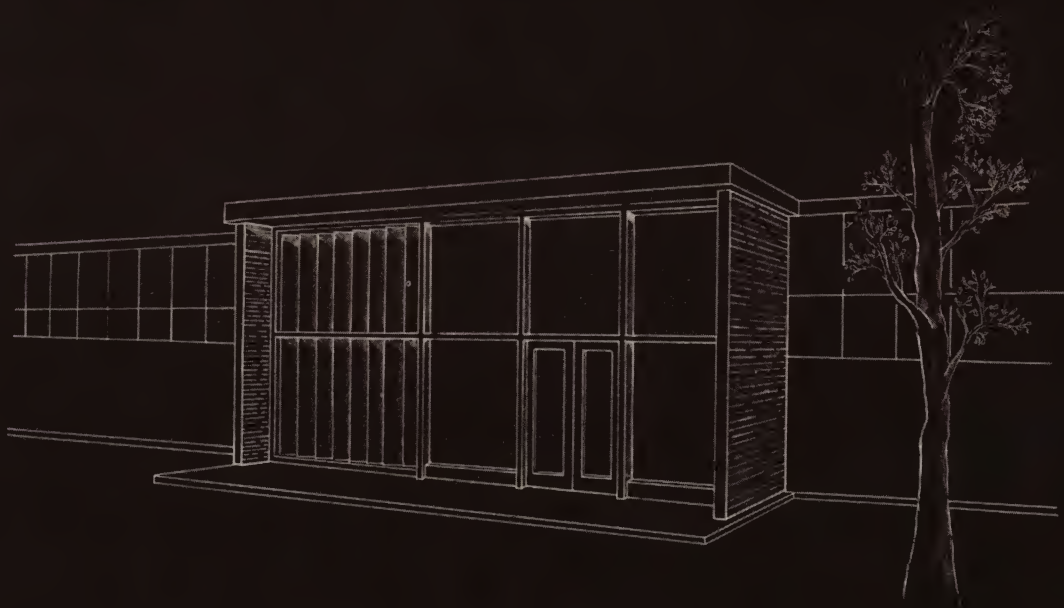


# Acme



## STEEL DOOR CORP

### HOLLOW METAL

DOORS  
FRAMES  
ENTRANCES

### KALAMEIN

DOORS  
FRAMES

Division of ACME Steel Partition Co.  
513 Porter Ave., Brooklyn 22, N. Y.



STEEL DOOR CORP., a division of ACME STEEL PARTITION CO. INC., has been producing Hollow Metal work of the highest caliber for more than thirty years. With a well-equipped factory, the most modern and up-to-date machinery and the latest engineering techniques, ACME is able to meet the needs of an expanding market. Our own complete tool and die shop makes possible not only efficient maintenance, but also the ready application of new techniques and methods.

#### ENGINEERING • DESIGN • LAYOUT

*ACME* maintains an engineering and drafting department of skilled men with many years of detailed experience who are available for consultation to architects, designers and contractors without obligation. Submission of shop drawings is facilitated by ACME's own blue printing service.

#### SPECIFICATIONS • FRAMES

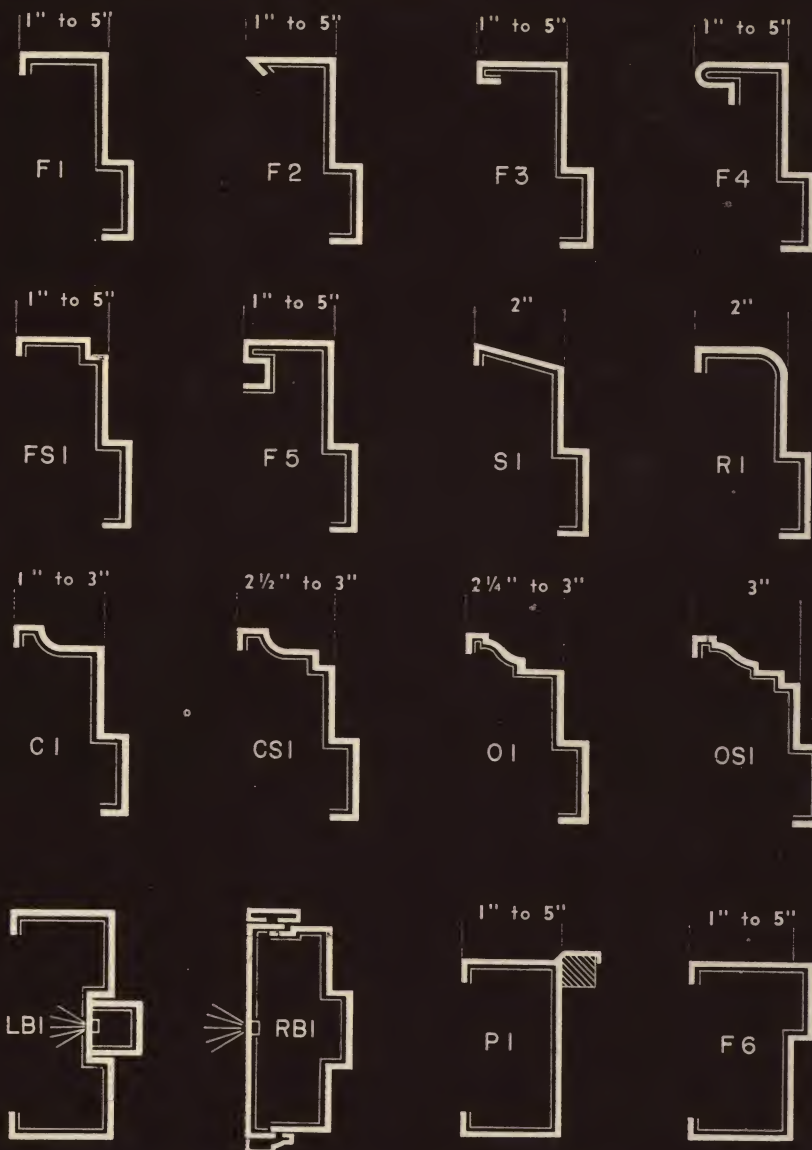
*ACME* steel door frames are manufactured of gauges ranging from US No. 10 through US No. 20 cold rolled highest quality sheet steel to meet all architectural specifications and details. Frames can also be furnished in galvanized, galvanealed, paintlock, copper bearing and stainless steel when so required. Heads and jambs are carefully mitred and continuously welded. Wall anchors, at least three per jamb, are manufactured and applied to meet varied wall conditions as detailed by the architect. Floor anchors, stationary or adjustable, are designed for easy bolting into the floor.

*ACME* mortises from paper templates for all hardware calling for such mortising and reinforces with heavy gauge material for all surface applied hardware. Drilling and tapping for surface hardware is done in the field by others. After manufacture all frames are thoroughly cleansed, degreased and painted with a red zinc chromate rust inhibitive primer. Frames can also be furnished in baked prime and baked enamel finishes.

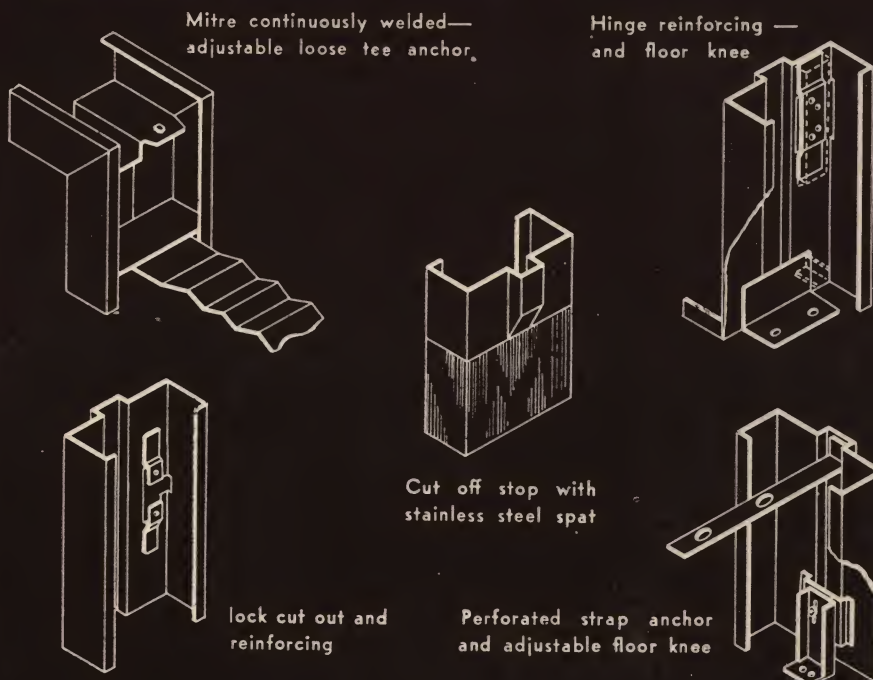
#### HOLLOW METAL DOORS

*ACME* hollow metal doors are manufactured of two sheets of cold rolled, stretcher-level steel ranging from US No. 12 through US No. 20 gauge. Doors are continuously reinforced with interlocking channels, spaced on 6 inch centers. All spaces between the vertical stiffeners are filled with air-cell asbestos or mineral rockwool, both of which meet Underwriter specifications. Tops of all exterior doors are closed flush to prevent accumulation of moisture or rain water. Doors are mortised, reinforced, drilled and tapped at the factory from paper templates for all

## *ACME* STANDARD PROFILES



## *ACME* CONSTRUCTION DATA





mortised hardware. Heavy gauge reinforcements are used for all surface applied hardware, which is drilled and tapped in the field by others. All doors are painted on the inside. After welding, doors are thoroughly cleansed and degreased and all mitres and spot welds are ground smooth prior to the application of a zinc chromate coat of paint. The doors are filled as many times as required to effect a completely homogeneous unit. Each coat of filler is baked separately. The doors are then painted and baked with a rust inhibitive gray primer. Baked enamel and grain finishes are provided whenever specified to meet architectural requirements.

*Acme* manufactures hollow metal doors to meet the specifications for labelling by the Underwriters' Laboratories, Inc. and the New York City Board of Standards and Appeals. See page 4 for detailed requirements for labelling.

#### KALAMEIN DOORS

*Acme* Kalamein doors are designed to meet all architectural specifications as to construction and are covered with 24 gauge galvanized steel sheets. Kalamein doors are given a shop coat of rust inhibitive primer.

*Acme* Kalamein doors are designed to meet the specifications for labelling by the Underwriters' Laboratories, Inc. and the New York City Board of Standards and Appeals.

#### SPECIAL ENTRANCES

*Acme* Special Entrances are manufactured in accordance with the varied architectural designs and details to insure an exact duplication in metal of modern architectural interpretations. All joints are carefully mitred, notched, welded continuously and ground smooth prior to the application of a coat of rust inhibitive primer.

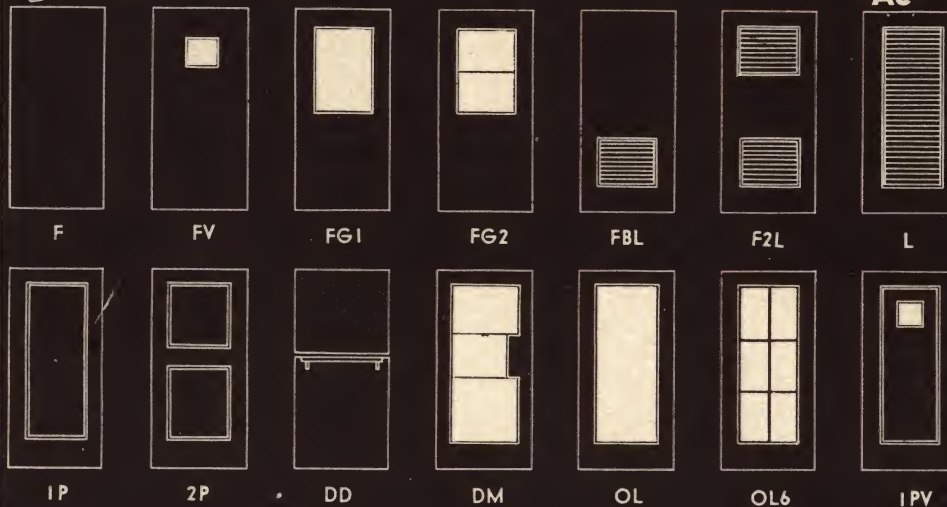
#### OTHER PRODUCTS

*Acme* other products include movable steel office partitions fabricated with the latest factory equipment and methods. Partitions can be furnished in 1 1/2 inch, 2 3/8 inch and 3 inch thicknesses. For further information, please write for ACME Steelwall catalog.

*Acme* also manufactures special entrance frames of standard rolled shapes to insure rapid delivery, the newest development in hollow metal. For specifications and details, please write to home office.

*Acme* also produces a full line of elevator entrances, including frames, swing or slide doors, hanger housings, hanger covers, struts, trim, fascias and sills as required for a complete installation. Frames and doors of 1 3/4 inch and 1 1/2 inch thicknesses are manufactured to meet architectural requirements in accordance with the above specifications for hollow metal work. For further information and specifications, please write to ACME Steel Door Corp.

## ACME DOOR TYPES



16b  
Ac

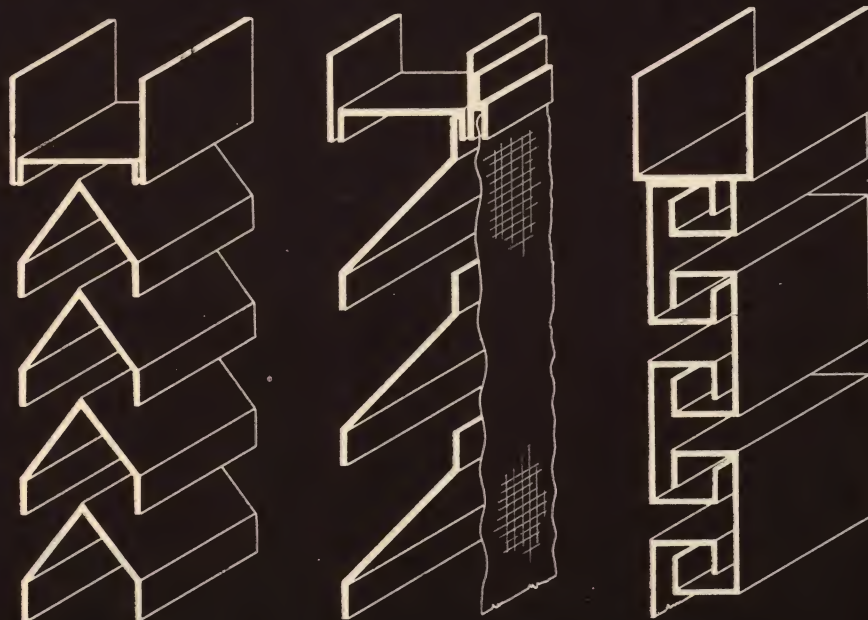
## ACME DOOR MOULDINGS



## ACME DOOR MEETING STILES



## ACME DOOR LOUVRES





# Acme INSTALLATIONS

**Job** Douglas Aircraft Co.  
**Location** Tulsa, Okla.  
**Contractor** Martin K. Eby Co.  
**Architect** Skidmore, Owings & Merrill

**Job** Williams Elementary School  
**Location** Pittsfield, Mass.  
**Contractor** George E. Emerson  
**Architect** Perkins & Will

**Job** Robert E. Lee Jr. H. S.  
**Location** Pampa, Texas  
**Contractor** Ramey Construction Co.  
**Architect** Cantrell & Co.

**Job** Lutheran Publishing House  
**Location** Philadelphia, Pa.  
**Contractor** Wark & Co.  
**Architect** T. Norman Mansell

**Job** Holy Redeemer Hospital  
**Location** Philadelphia, Pa.  
**Contractor** Wark & Co.  
**Architect** George E. Yundt

**Job** East High School  
**Location** Rochester, N. Y.  
**Contractor** A. Friederichs & Sons  
**Architect** Faragher & Macomber

**Job** Enlisted Mens Barracks  
**Location** Midway Islands  
**Contractor** Hawaiian Dredging Co. Ltd.  
**Architect** Pereira & Luckman

**Job** Geigy Chemical Co.  
**Location** Greenburgh, N. Y.  
**Contractor** Vermilya Brown  
**Architect** Skidmore, Owings & Merrill

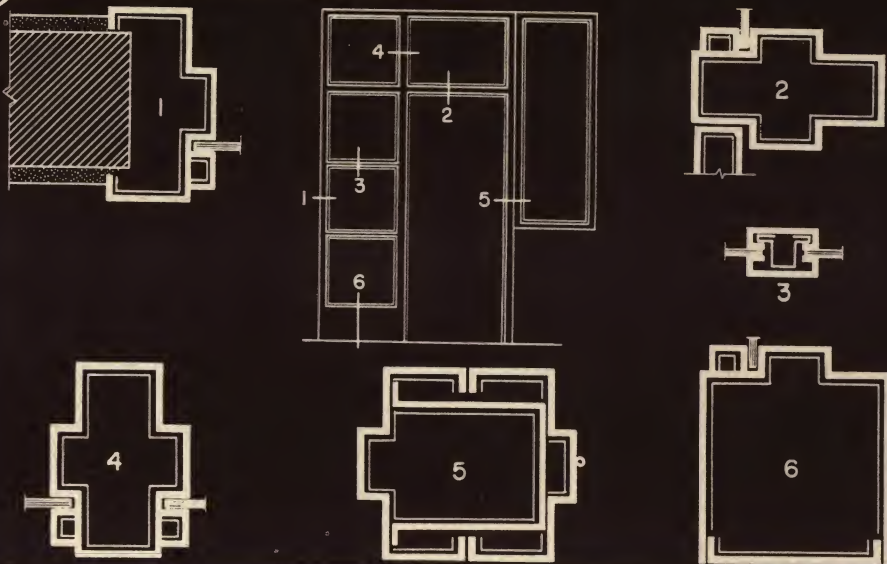
**Job** Ogden School  
**Location** Hempstead, L. I., N. Y.  
**Contractor** Alexander Stein Const. Co.  
**Architect** F. P. Weidersum Assoc.

**Job** Sans Souci Hotel  
**Location** Miami, Fla.  
**Contractor** Taylor Construction  
**Architect** Morris Lapidus

**Job** IBM World Trade  
**Location** United Nations Plaza, N. Y. C.  
**Contractor** John Lowry, Inc.  
**Architect** Harrison & Abramovitz

**Job** High School  
**Location** Leavenworth, Kansas  
**Contractor** Hunter & Lundberg  
**Architect** Williamson, Loebsock & Assoc.

## Acme SPECIAL ENTRANCES



## UNDERWRITERS' STANDARDS

DOORS	CLASS A	CLASS B	CLASS C	CLASS D	CLASS E
Max. Singles	4-0 x 10-0	4-0 x 10-0	4-0 x 10-0	4-0 x 10-0	4-0 x 10-0
Sizes Pairs	8-0 x 10-0	8-0 x 10-0	8-0 x 10-0	8-0 x 10-0	8-0 x 10-0
Operation	Swing	Swing	Swing	Swing	Swing
Min. Gauge	18	18	18	18	18
Min. Thick	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4
Insulation	A S B E S T O S O R R O C K W O O L				
Max. Exposed Glass Area	No Glass	*	1296 sq. in. per lite	None	720 sq. in. per lite
Min. Depth Moulding	None	1/2"	Over 300 sq. in. 3/4"	None	Over 300 sq. in. 3/4"
Astragals	Both Leaves	One Side	One Side	One Side	One Side
FRAMES Max. Sizes					
16 Ga. Singles	None	3-8 x 7-6	3-8 x 7-6	3-8 x 7-6	3-8 x 7-6
Pairs	None	5-0 x 7-6	5-0 x 7-6	5-0 x 7-6	5-0 x 7-6
14 Ga. Singles	4-0 x 10-0	4-0 x 10-0	4-0 x 10-0	4-0 x 10-0	4-0 x 10-0
Pairs	8-0 x 10-0	8-0 x 10-0	8-0 x 10-0	8-0 x 10-0	8-0 x 10-0
Min. Jamb Width	Wallspan	4	4	4	4
Min. Stop Ht.	3/4	5/8	5/8	5/8	5/8
Min. Trim Width	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4

\*100 sq. in. per opening with 12" maximum height or width or 100 sq. in. per opening, height and width not to exceed 33" and 4" respectively.

**MINIMUM HARDWARE Class A** — Up to 3'-0 x 7'-0 (3) 4 1/2" regular weight hinges. Over 3' x 7'-0 4 1/2" extra heavy hinges. Labelled 3-point lock (2-point lock for inactive leaf of pairs.)

**Class B, C, D, E** — (3) 4 1/2" regular weight hinges. Mortised latch or lock (inactive leaf of pairs must have top and bottom bolts.) Rim type panic devices can be used only on E label doors. Doors over 8'-0 in height must have 3-point locks.

**ADDITIONAL HARDWARE Class A** — Surface-applied hinges. Semi-concealed closer. Surface closers.

**Class B, C, D, E** — Surface applied hinges. All surface closers. Glynn-Johnson and LCN type concealed closers. Russwin semi-concealed closers. Schlage and Russwin type unit locks. Surface applied flush bolts. Rixon 65, 66, 67 and 68 pivots — **MUST BE USED WITH INTERMEDIATE PIVOT.**

One hinge needed for each 2'-6" in height or fraction thereof.

No spring hinges or deadlocks permitted.

**NOTES:** 1) Stainless steel, bronze and aluminum openings and mullion units, transom frames, cabinet jams and frames with removable stops cannot be labelled.

2) Frames in plaster and stud partitions and frames anchored to walls with expansion bolts cannot be labelled.

3) Doors with rabbetted stiles cannot be labelled.

4) Frames must be expansion bolted to floor and anchored to walls with built in anchors for each 2'-6" in height or fraction thereof.

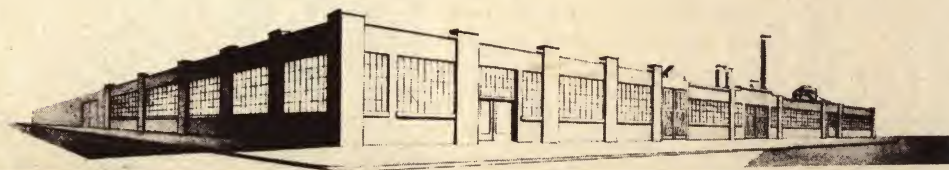
# Acme

## STEEL DOOR CORP.

Main Office and Plant

513 PORTER AVENUE • BROOKLYN 22, N. Y.

Evergreen 4-7800



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